Installation Restoration (IR) Collaboration Gateway

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Presentation Overview

- IR Collaboration Gateway
- Environmental Geographic Information System (EGIS)
- Land Use Control (LUC) Tracker
- Demonstration

IR Data Management

Problem:

- **Multiple organizations**
- **Costly process**
  - Variable standards, deliverable formats, and databases
- **Lack of continuity for IR projects**
- **Information handled multiple times**

Solution

- Implement standardized system for managing / accessing IR information
- Use available tools and technologies
- Leverage information sources
- Improve day-to-day information management.

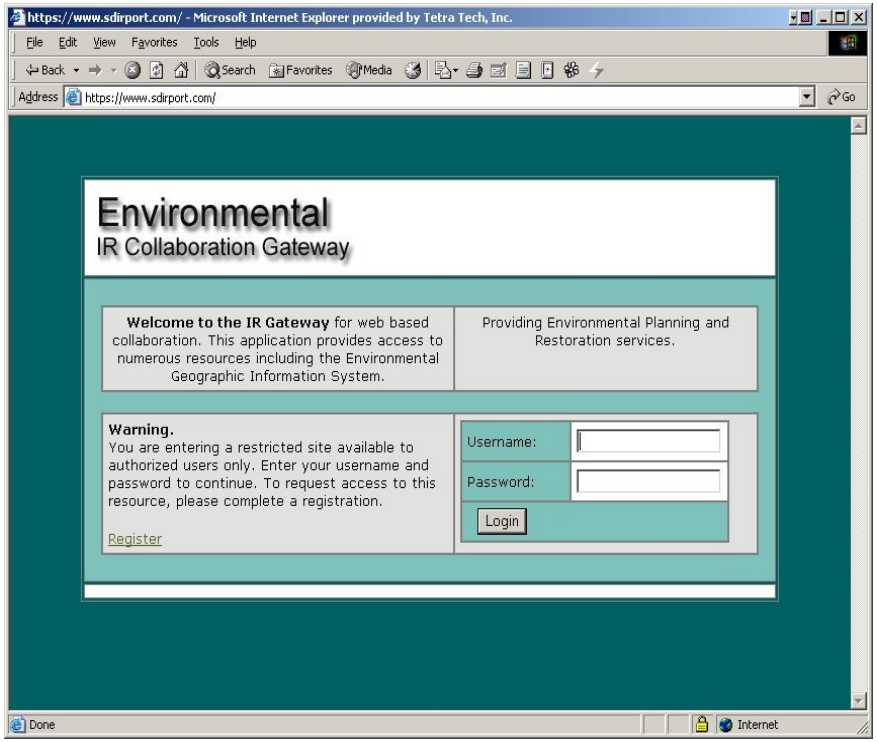
What is the IR Gateway?

- **Access for Web Based Collaboration**
  - Developed for EFD SOUTH's Installation Restoration Program
  - A system for accessing, storing, and managing information across a partnership
- **Provides hub to array of IR resources**
  - **Environmental Geographic Information System (EGIS)**
  - **Document Management System**
  - **Electronic Data Exchange**
  - ***Land Use Control (LUC) Tracker***
  - **Calendar**
  - **Discussion Forum**
  - **Links**
  - **Help**

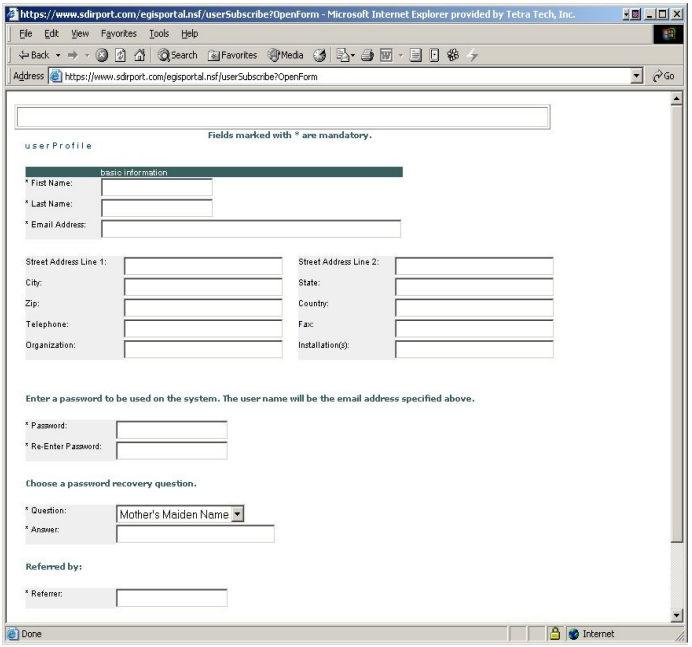
What can the IR Gateway do?

- **Promote Data Accessibility / Analysis**
  - Encourage data sharing
  - Enhance usage of database management and GIS
- **Enhance Communication**
  - Among RPMs, regulators, base personnel, contractors
- **Facilitate Decision-Making**
  - Centralized information and data
  - Unified approach for global distribution

Accessing


https://www.sdirport.com/ - Microsoft Internet Explorer provided by Tetra Tech, Inc.
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://www.sdirport.com/
Go
Environmental
IR Collaboration Gateway
Welcome to the IR Gateway for web based collaboration. This application provides access to numerous resources including the Environmental Geographic Information System.
Providing Environmental Planning and Restoration services.
Warning.
You are entering a restricted site available to authorized users only. Enter your username and password to continue. To request access to this resource, please complete a registration.
Register
Username:
Password:
Login
Done
Internet

Security Alert
Information you exchange with this site cannot be viewed or changed by others. However, there is a problem with the site's security certificate.
The security certificate was issued by a company you have not chosen to trust. View the certificate to determine whether you want to trust the certifying authority.
The security certificate date is valid.
The security certificate has a valid name matching the name of the page you are trying to view.
Do you want to proceed?
Yes
No
View Certificate



- **Registration**
- **Roles Based Authentication**
- **Secure/Session Based Login**
- **TeamBuilder**

What is the EGIS?

- **Environmental Geographic Information System**
  - Provides full GIS capabilities over the Web
  - Integrates environmental data with GIS
  - An application developed to allow non-GIS professionals user-friendly access to tabular and spatial data
- **Customized tools to view / access / analyze data**
  - Environmental sample locations
  - Analytical Data
  - Spatial Analysis

❖ **Provides Data Access to the Decision Makers**

What makes EGIS so useful?

- **Improve Organizational Integration**
  - EGIS provides an efficient and user-friendly method for the non-GIS professional to gain access to spatial and analytical data
- **Assist Decision Making Process**
  - The adage "*better information leads to better decisions*" is true for GIS. A GIS is not an automated decision making system but a **tool** to query, analyze, and map data in support of the decision making process.
- **Fast and Reliable**

What is the LUC Tracker?

- **LUC Management Tool**
  - Idea arose out of EFD SOUTH Early Transfer Branch (but applies to any site)
  - Active, web-based tool for RPMs
    - Also useful for managers, real estate personnel, regulators
    - Automatic email reminders for inspections, etc.
  - Works from NIRIS Database
- **Tracks LUC requirements for…**
  - Monitoring
  - Inspections
  - Reporting
    - **Tracks and Reports LUC Compliance (or…)**

Why LUC Tracker?

- **LUCs effective only if…**
  - Stakeholders understand and adhere to the LUC
    - Navy
    - Local Government
    - Water agencies
    - Public
    - etc.
  - Navy (or other responsible party) and regulators need to know that LUCs are being followed
- **Need efficient and affordable method to ensure the effectiveness of LUCs**

Outputs from LUC Tracker

- **Reminders – calendar notes, emails**
  - Scheduled inspections
  - Notice to regulators
  - Notice to owners / operators / tenants
- **Queries**
  - Common types of LUCs within activity or AOR
  - Number and/or types of violations
  - Common contaminants or affected media
- **Reports and Forms**
  - Standard and custom forms and templates
  - Who prepares, reviews, signs
  - Deficiencies noted / corrective actions taken

Benefits

- **Cost Savings**
  - Operational Efficiencies

- **Better Data Management**
  - Storage / Updating / Output

- **Better Decision Making**
  - Faster information access

- **Enhanced / Specialized Capabilities**
  - LUC Tracker
  - Electronic Data Exchange
  - Ready integration with NIRIS

NAVFAC
Naval Facilities Engineering Command
SOUTHERN DIVISION

Demonstration

IR Gateway, EGIS, LUC Tracker

Questions?

Thank you!